

Title (en)

ELECTRONIC MODULE FOR AN AUTOMATIC-TRANSACTION CARD, AND CARD COMPRISING SUCH A MODULE

Publication

EP 0072759 B1 19860129 (FR)

Application

EP 82401536 A 19820813

Priority

FR 8115767 A 19810814

Abstract (en)

[origin: EP0072759A2] 1. An electronic module for a standardized automatic transaction card, said module being of the type comprising an integrated circuit chip (82, 84), contact studs (30) for electrical access to the module (20) and an interconnection structure between these studs and the chip, this interconnection structure being realised in association with a base plate (80, 100) above which said studs (3) are mounted and which is pierced by at least one window (81, 83), in the thickness of which the chip (82, 84) is mounted, the electrical access studs (30) being disposed in two parallel rows, one at each side of said window (81, 83), said base plate (80, 100) being constructed on a base of rigid material, wherein the interconnection structure comprises a multi-level interconnection superstructure (100) made in thick layers on the base (80), a plurality of terminal pads (98) along the edge of said window (81, 83), below said superstructure (100), said terminal pads (98) being connected to pads (90) on the upper face of the chip (82, 84) housed in this window (81, 83) by an array of connecting links (96) at a lower level than that of the electrical access studs (30) and of the upper face of the interconnection superstructure (100).

IPC 1-7

H01L 23/52; **G06K 19/06**

IPC 8 full level

G06K 19/06 (2006.01); **G06K 19/077** (2006.01); **H01L 23/52** (2006.01); **H01L 23/538** (2006.01)

CPC (source: EP)

G06K 19/07745 (2013.01); **H01L 23/5388** (2013.01); **H01L 2224/45124** (2013.01); **H01L 2224/45144** (2013.01); **H01L 2224/48227** (2013.01); **H01L 2224/48472** (2013.01)

Citation (examination)

- EP 0019280 A1 19801126 - GAO GES AUTOMATION ORG [DE]
- EP 0029785 A1 19810603 - FLONIC SA [FR]

Cited by

US5965867A; EP0211360A3; EP0212020A1; US5081563A; FR2629666A1; FR2599893A1; EP0268260A1; EP0149317A3; WO9117568A1; WO9704416A1; EP0134109B1

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